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(DC-3667)

Indices for Small Coke Ovens Approaching Large Coke Ovens, 2 pp.

CHINESE, per, Yeh-chin Pao, No 42, 23 Oct 1959, pp 38, 39.

JPRS 3444

FE - China

Econ - Metallurgy

Jul 60

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(DC-3667)

Mobilization of the Mines for Big Contests, 3 pp.

CHINESE, per, Yeh-chin Pao, No 41, 16 Oct 1959, pp 40-42.

JPRS 3444

FE - China

Econ - Metallurgy

Jul 60

119,820

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(DC-36687)

Rational Technical Improvements on Simple Coke Ovens
4 PP.

CHINESE, per, Yeh-chin Pao, No 42, 23 Oct 1959,
PP 40-42.

JPRS 3444

FE - China

Econ - Metallurgy

Jul 60

119,821

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(NY-3934).

Hsiang-shan Iron Mine Developed in the Course of the Big Leap Forward, 2 pp.

CHINESE, per, Yeh-chin Pao, No 44, [illegible] Nov 959, p 47.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

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(NY-3934).

A Good Design Combining Modern With Native Methods, 1 p.

CHINESE, per, Yeh-chin Pao, No 44, 6 Nov 1959, p 50.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

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(NY-3984).

Important Measure for Increase of Production From Open Hearth Furnaces, 9 pp.

CHINESE, per, Yeh-chin Pao, No 44, 6 Nov 1959, pp 62-64.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

118,391

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(NY-3984).

Raise High the "Multi-Bar Rapid-Rolling" Red Banner and March Forward, 8 pp.

CHINESE, per, Yeh-chin Pao, No 44, 6 Nov 1959, pp 64-66.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

118,392

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(NY-3984).

Vigorously Develop Technological Revolution, Intensify Working of Non-Ferrous Minerals, 3 pp.

CHINESE, per, Yeh-chin Pao, No 44, 6 Nov 1959, pp 69-71.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

118,385

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(DC-3667)

Native Copper Smelter at Hsueh-shan, 2 pp.

CHINESE, per, Yeh-chin Pao, No 45, 13 Oct 1959, p 50.

JPRS 3444

FE - China

Econ - Metallurgy

Jul 60

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(23-3657)

Leap Forward in Electric Furnace Production, 3 pp.

CHINESE, per, Yeh-chin Pao, No 45, 13 Oct 1959, pp 58-60.

JPRS 3444

FE - China

Econ - Metallurgy

Jul 60

119, 814

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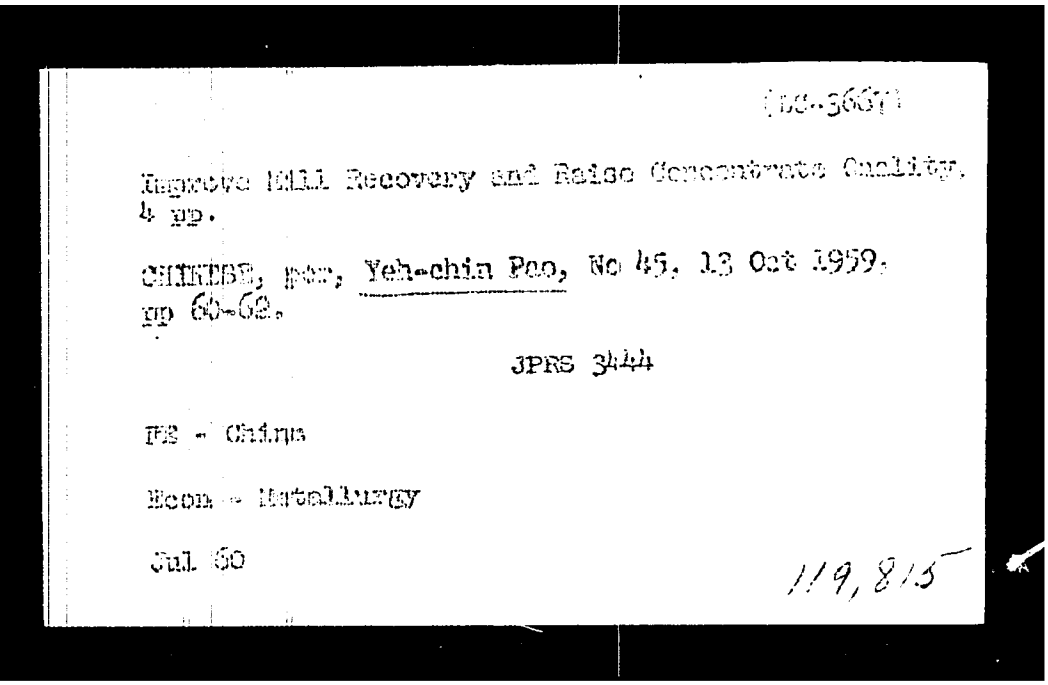

(U)-3667

Improve Mill Recovery and Raise Concentrate Quality. 4 pp.

CHINESE, per: Yeh-chin Pao, No 45, 13 Oct 1959. pp 60-62.

JPRS 3444

FS - China

Econ - Metallurgy

Jul 60

119,815

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(DC-3667)

Do Well in Small Aluminum Plants to Accelerate the Development of the Aluminum Industry, 3 pp.

CHINESE, per, Yeh-chin Pao, No 46, 20 Nov 1959, pp 28-31.

JPRS 3444

FE - China

Econ - Metallurgy

Jul 60

119, 816

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(IM-3667)

Greatly Reduce Aluminum Ingot Production, 4 pp.

CHINESE, per. Yeh-chin Pao, No 16, 20 Nov 1959, pp 31, 38, 39.

JPRS 3044

FE - China

Econ - Metallurgy

Jul 60

119,310

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(93-3667)

Principal Measures Taken in Attaining High Production, Good Quality, Low Consumption, and Long Life in Small Aluminum Plant Operations, 5 pp.

CHINESE, per, Yeh-chin Pao, No 46, 20 Nov 1959, pp 35-38.

JPRS 3444

FE - China

Econ - Metallurgy

Jul 60

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

(HY-5984).

Current Tasks in Capital Construction, 6 pp.

CHINESE, per, Yeh-chin Pao, No 47, 27 Nov 1959, pp 19, 20.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

118,386

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(NY-3934).

Overall Big Leap Forward in Metallurgical Construction, 2 pp.

CHINESE, per, Yeh-chin Pao, No 47, 27 Nov 1959, pp 22, 23.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

(NY-5934).

Mines Serving Open Hearth Furnaces Must Continue the Big Leap Forward in 1960, 4 pp.

CHINESE, per, Yeh-chin Pao, No 47, 27 Nov 1959, pp 27, 21.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

118,387

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(NY-5384).

Small-Scale Iron and Steel Integrated Enterprises Have Done Many Things for Rural Areas During Great Leap Forward, 10 pp.

CHINESE, per, Yeh-chin Pao, No 47, 27 Nov 1959, pp 32-34.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

118,388

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(HY-3934).

"ALL Red Over" In Small Blast Furnaces in Yunnan, 3 pp.

CHINESE, per, Yeh-chin Pao, No 48, 4 Dec 1959, pp 18. 19.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

118,321

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(MY-3884).

Great Future Ahead of Converter Steel Furnaces, by Yu Ching-Sheng, 13 pp.

CHINESE, per, Yeh-chin Pao, No 48, 4 Dec 1959, pp 26-29.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

118,382

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(NY-3084).

Non-Ferrous Small Modern Plants are Flourishing, 3 pp.

CHINESE, per, Yeh-chin Pao, No 49, 12 Dec 1959, p 32.

JPRS 2717

119,374

FE - China
Econ - Metallurgical Industry
Jun 60

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(NY-3934).

Hupeh Province Energetically Develops Non-Ferrous Metals Industry, 2 pp.

CHINESE, per, Yeh-chin Pao, No 49, 12 Dec 1959, p 33.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

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(NY-3984).

Shenyang Achieves Double Leap Forward in Output and Quality of Non-ferrous Metals, 1 p.

CHINESE, per, Yeh-chin Pao, No 49, 12 Dec 1959, p 34.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

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(NY-3984).

Szechwan Copper, Lead and Zinc Copper Industries,
3 pp.

CHINESE, per. Yeh-chin Pao, No 49, 12 Dec [illegible]
p 34.

JPRS 2747

FE 9 China
Econ - Metallurgical Industry
Jun 60

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(IY-[illegible]).

Difficulties Overcome in Construction of Tangshan's Aluminum Plant, 4 pp.

CHINESE, per, Yeh-chin Pao, No 49, 12 Dec 1959, pp 35, 36.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

117,274

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(NY-3984).

Prepare Well for the "Red All Over" at the Very Start of 1960 in Non-Ferrous Metals Industry, 2 pp.

CHINESE, per, Yeh-chin Pao, No 51, 23 Dec 1959, p 32.

JPRS 271

FE - China
Econ - Metallurgical Industry
Jun 60

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(HY-3934).

Auxiliary Materials Mines Must Also Continue Great Leap Forward, 2 pp.

CHINESE, per, Yeh-chin Pao, No 51, 25 Dec 1959, p 34.

JPRS 2717

FE - China
Econ - Metallurgical Industry
Jun 60

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(DC-4085)

Developments in Nonferrous Ore-Dressing Plants, 6 pp.

CHINESE, per, Yeh-chin pao, No 3, 18 Jan 1960, pp 3-7 (excerpts).

JPRS 6174

FE - China
Econ
Nov 60

133,507

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(DC-4086)

Principal Technical Measures to Carry Out the Construction of Small Mine and Pressing Plants With Speed and Low Investment and for High Production of High Grade [Nonferrous Concentrates] at Low Cost, 9 pp.

CHINESE, per, Yeh-chin pao, No 3, 18 Jan 1960, pp 8-11.

JPRS 6174

FE - China
Econ
Nov 60

133,508

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(DC-4086)

Build Small Tungsten Beneficiation Plants to Produce More Tungsten for the State, 4 pp.

CHINESE, per, Yeh-chin pao, No 3, 18 Jan 1960, pp 19, 20.

JPRS 6174

FE - China
Econ
Nov 60

133,502

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#35 (UC-Hold.)

The Best Policy is to Manufacture Your Own Ore Dressing Agents," by Teng Ch'ing-nien,

CHINESE, per, Yeh-chin Pao, No 3, 18 Jan 1960, pp 39.

*JPRS

FE - China

Econ - Metallurgy

7 Jun 60

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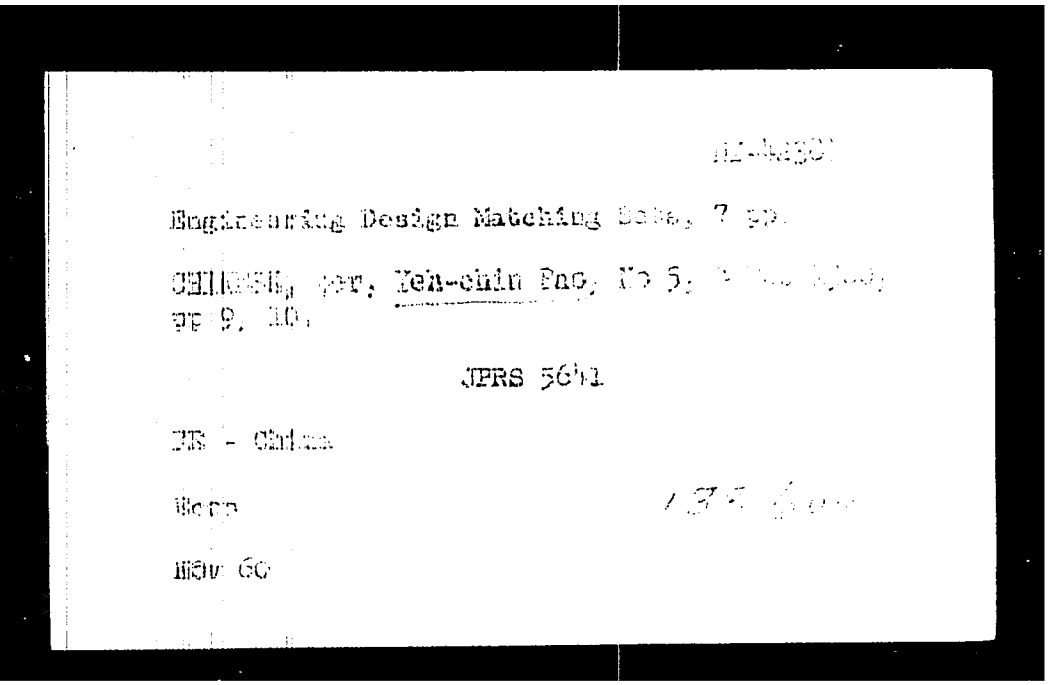

[illegible]

Engineering Design Matching Data, 7 pp.

CHINESE, per: Yeh-chin Pao, No 5, [illegible]
pp 9, 10.

JPRS 5611

ES - China

Nov 60

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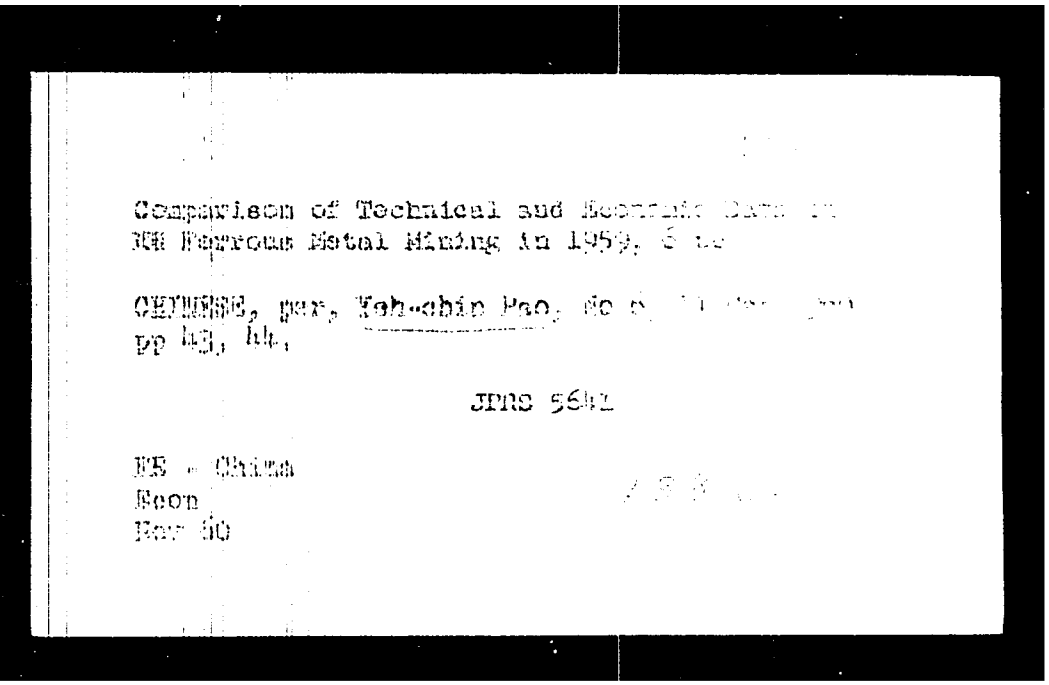

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NM Ferrous Metal Mining in 1959, [illegible]

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JPRS 5642

EE - China
Econ
Mar 60

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#35 (24-H238)

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CHINESE, per, Yeh-chin Pao, No 5, 6, 7, Feb 1960, (Extracts).

*JPRS

FE - China

Econ - Metallurgical Industry

25 May 60

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Major Achievements in Mine Construction by the Metallurgical Industry During Last Two Years, 8 pp.

CHINESE, per, Yeh-chin pao, No 13, 4 Apr 1960, pp 21-24.

JPRS 6174

FE - China
Econ
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(NY-5021).

The Development of Using Converters to Refine Steel Is A Long-sighted Policy,

CHINESE, per, Yeh-chin Pao, No 190, 16 Apr 1960, pp 14-16.

*JPRS

FE - China

Econ - Metallurgy

15 Sep 60

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(117-5021).

A Worthy Guarantee,

CHINESE, per, Yeh-chin Pao, No 169, 11 Apr 1960, pp 39-46.

*JPRS

FE - China

Econ - Metallurgy

15 Sep 60

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(NY-5021).

Summon All Energy to Fulfill The Second Quarter Quota of Ore Production,

CHINESE, per, Yeh-chin Pao, No 15?, 11 Apr 1960, pp 28-29.

*JPRS

FE - China

Econ - Metallurgy

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(NY-3502).

Comparative Technical and Economic Indexes of March Iron and Steel Production,

CHINESE, per, Yen-chin Pao, No 169, 11 Apr 60, pp 14-15.

*JPRS

FE - China

Econ - Metallurgy

15 Sep 60

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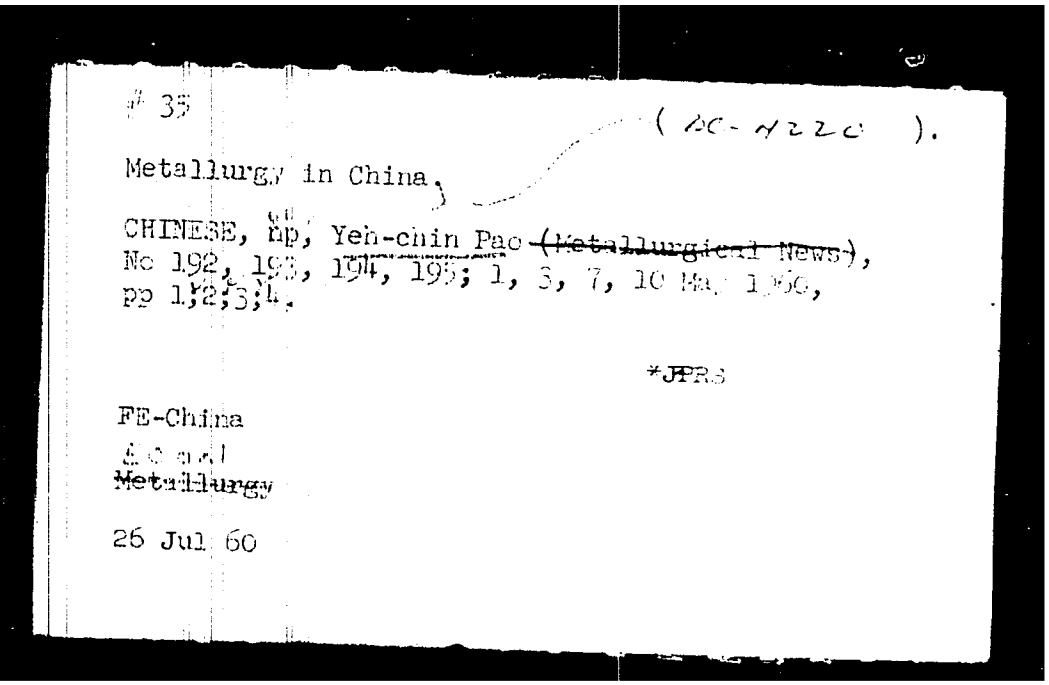

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*~~JPRS~~

FE-China
~~Metallurgy~~

26 Jul 60

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(NY-5021).

The Ministry of Metallurgy Decides to Promote A Batch of Important Advanced Experience,

CHINESE, per, Yeh-chin Pao, No 196, 13 May 1960, p 1.

*JPRS

FE - China

Econ - Metallurgy

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(NY-5021).

Five 1,000 Meters Geological Drilling Provinces Appear in the Nation,

CHINESE, per, Yeh-chin Pao, No 196, 13 May 1960, p 3.

*JPRS

FE - China

Econ - Metallurgy

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(MY-5021)

The Great Change in Metallurgical Industry in Kirin, by Yeh Ho-yu, 4 pp.

CHINESE, per, Yeh-chin Pao, No 196, 13 May 1960, p 4.

JPRS 5744

FE - China

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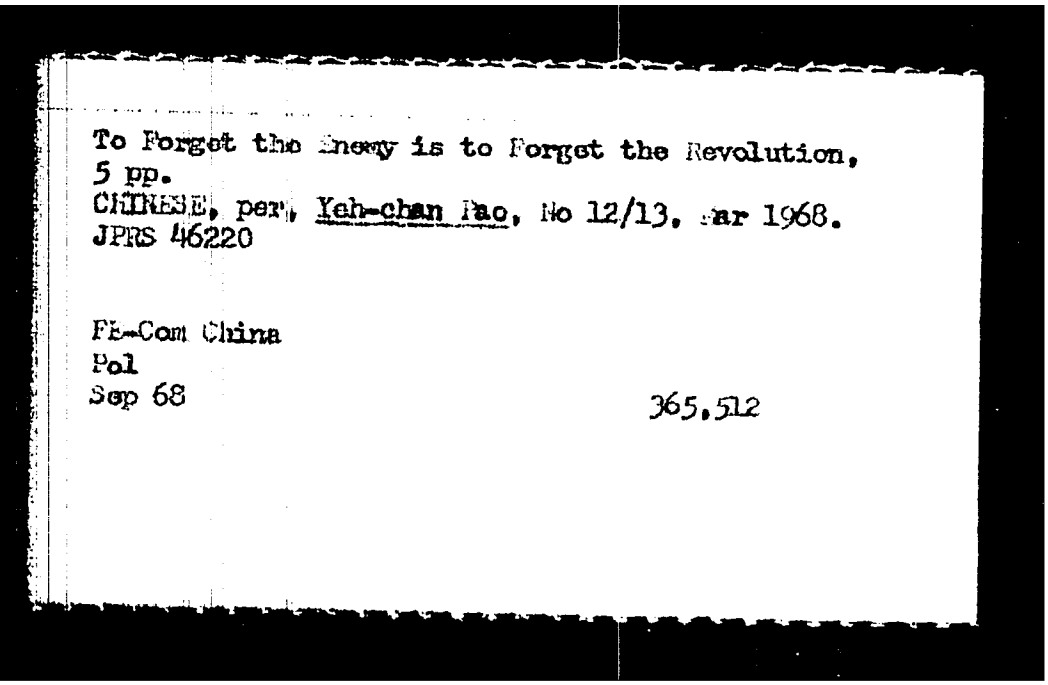

To Forget the Enemy is to Forget the Revolution,
5 pp.
CHINESE, per, Yeh-chan Pao, No 12/13, Mar 1968.
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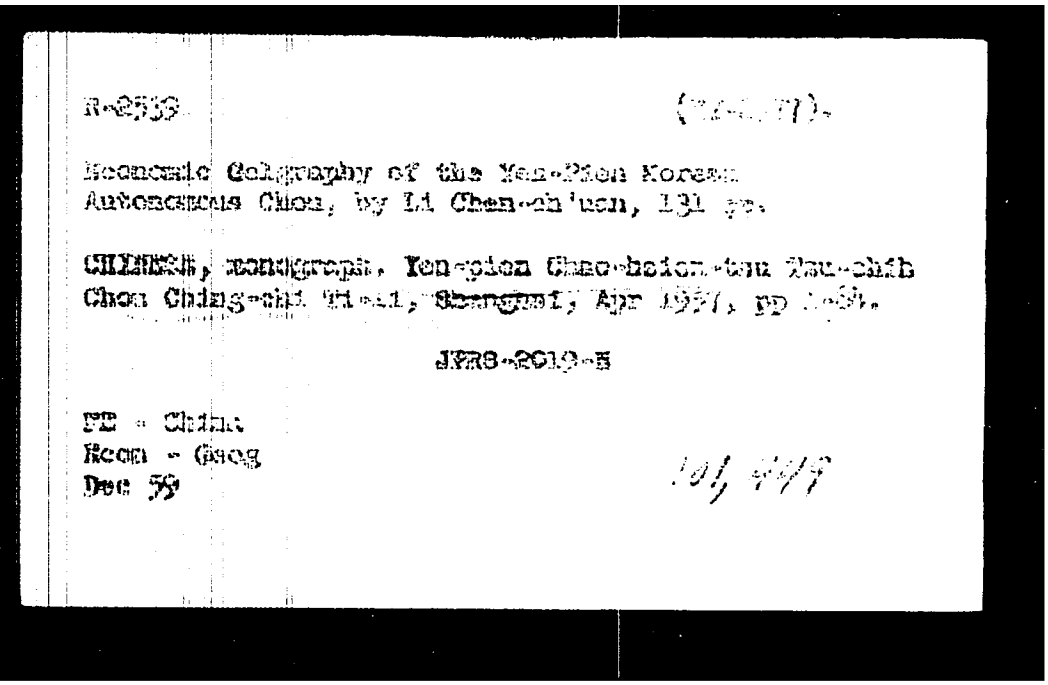

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PE - China
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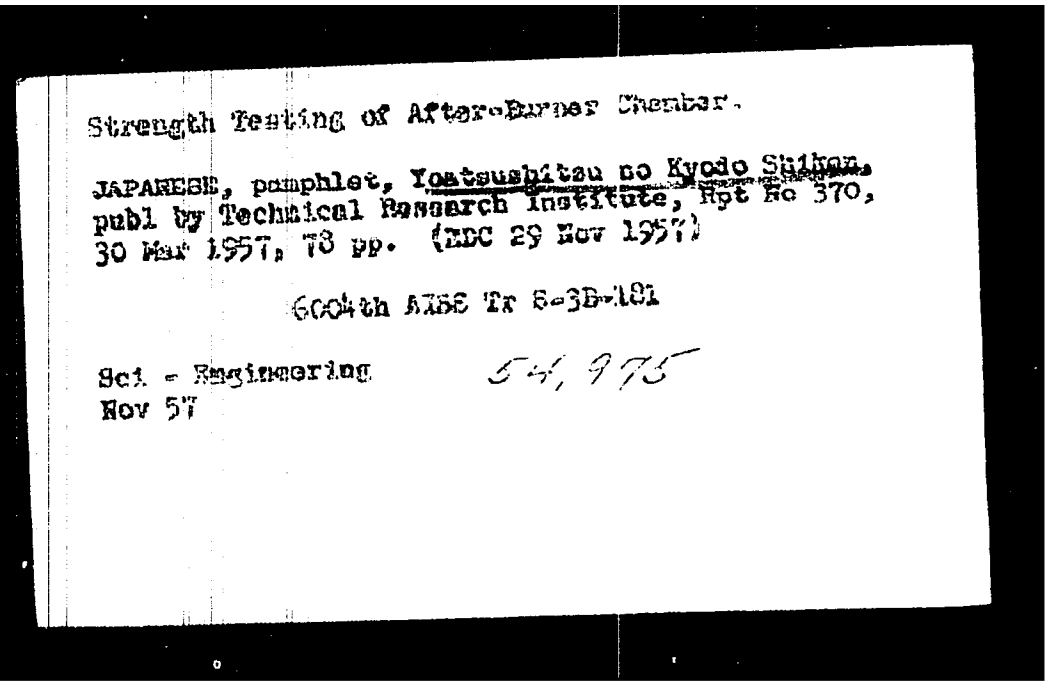

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Sci - Engineering
Nov 57

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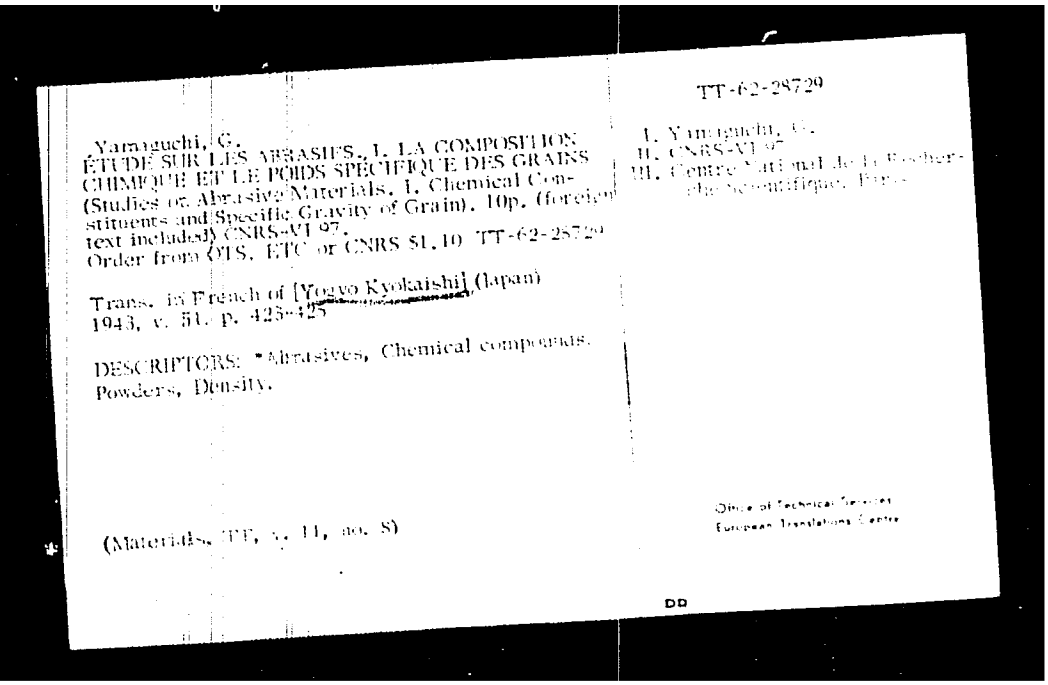

Yamaguchi, G.
ÉTUDE SUR LES ABRASIFS. I. LA COMPOSITION CHIMIQUE ET LE POIDS SPECIFIQUE DES GRAINS (Studies on Abrasive Materials. I. Chemical Constituents and Specific Gravity of Grain). 10p. (foreign text included) CNRS-VI 97.
Order from OTS, ETC or CNRS $1.10 TT-62-28729

Trans. in French of [illegible] (Japan) 1943, v. 51, p. 425-425

DESCRIPTORS: *Abrasives, Chemical components. Powders, Density.

(Materials, TT, v. 11, no. 8)

TT-62-28729

I. Yamaguchi, G.
II. CNRS-VI 97
III. Centre National de la Recherche Scientifique, Paris

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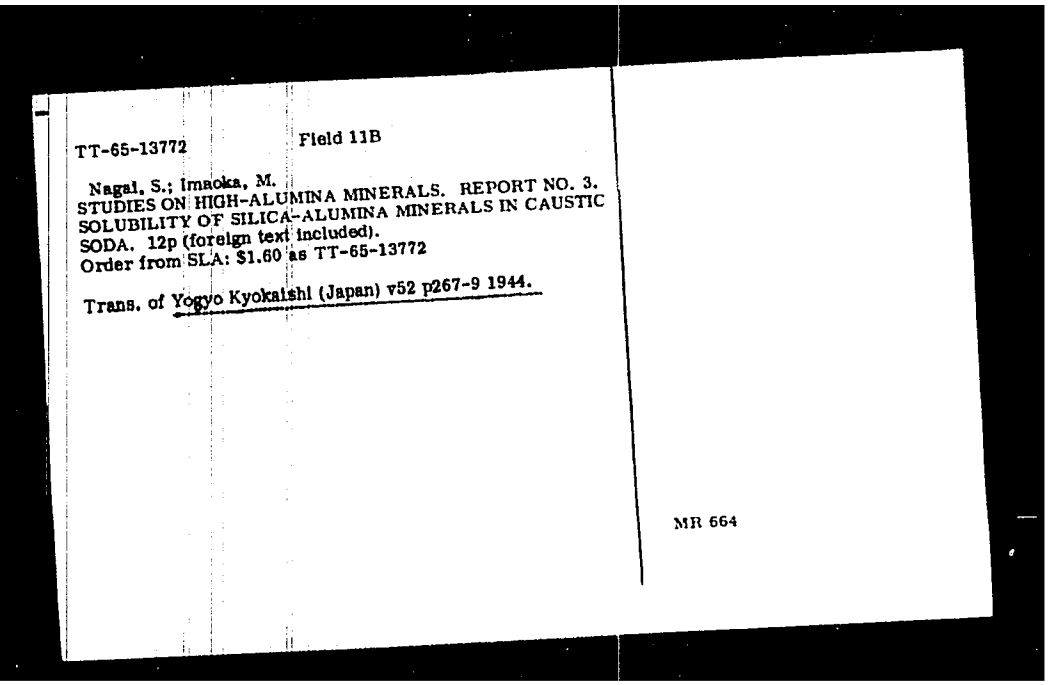


TT-65-13772 Field 11B

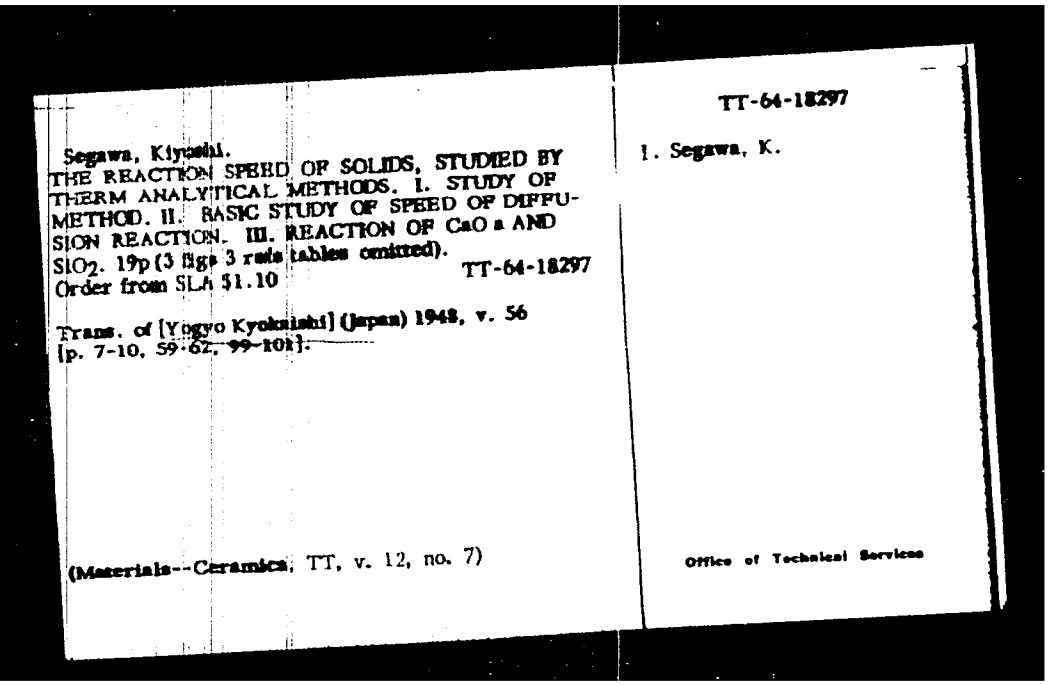
Nagai, S.; Imaoka, M.
STUDIES ON HIGH-ALUMINA MINERALS. REPORT NO. 3. SOLUBILITY OF SILICA-ALUMINA MINERALS IN CAUSTIC SODA. 12p (foreign text included).
Order from SLA: $1.60 as TT-65-13772

Trans. of Yogyo Kyokaishi (Japan) v52 p267-9 1944.

MR 664

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9



Segawa, Kiyoshi.
THE REACTION SPEED OF SOLIDS, STUDIED BY THERM ANALYTICAL METHODS. I. STUDY OF METHOD. II. BASIC STUDY OF SPEED OF DIFFUSION REACTION. III. REACTION OF CaO a AND SiO_2. 19p (3 figs 3 refs tables omitted). TT-64-18297
Order from SLA $1.10

Trans. of [Yogyo Kyokaishi] (Japan) 1948, v. 56 [p. 7-10, 59-62, 99-101].

(Materials--Ceramics, TT, v. 12, no. 7)

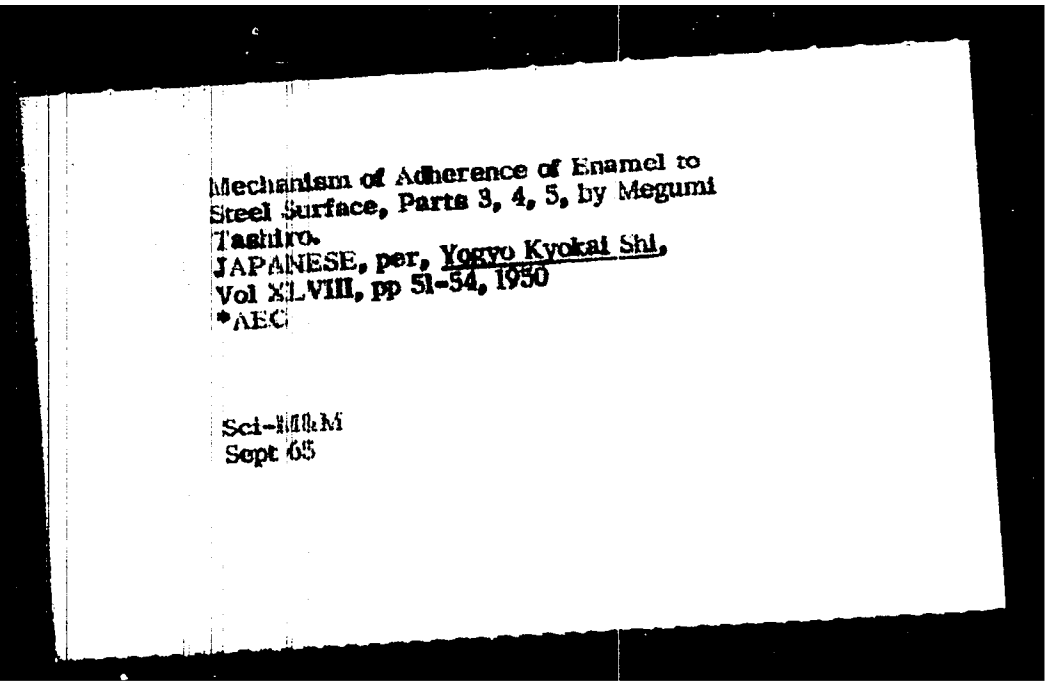
TT-64-18297

1. Segawa, K.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9



Mechanism of Adherence of Enamel to Steel Surface, Parts 3, 4, 5, by Megumi Tashiro.
JAPANESE, per, Yogyo Kyokai Shi,
Vol XLVIII, pp 51-54, 1950
*AEC

Sci-IIIaM
Sept 65

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Studies on the Mechanism of Adherence of Enamel on Steel Surface Parts III, IV, V, by Megumi Tashiro.
JAPANESE, per, Yogyo Koykai Shi, Vol LVII, 1949, pp 124, 125; 149, 150; Vol LVIII, 1950, pp 51-54. 9232013
AEC-UCRL-Tr-1278

Sci - Chem
Mar 66

296,434

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

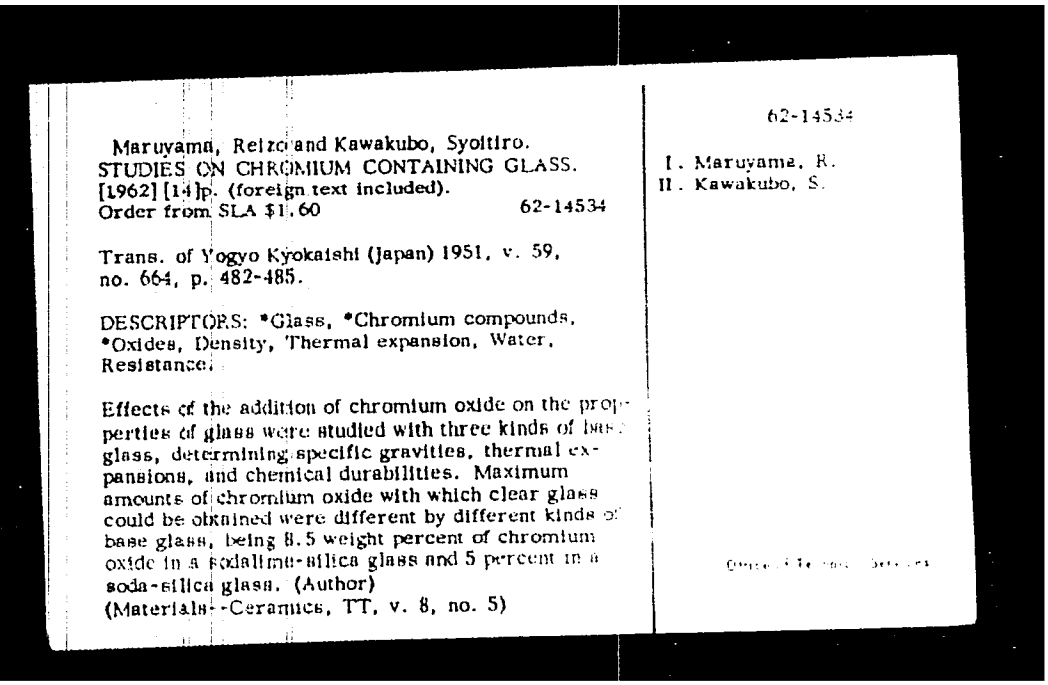
Studies on Molding Compounds from Calcined Gypsum and Synthetic Resins. Part 1, by S. Nagai.
JAPANESE, per, Kogyo Kyokai Shi, Vol 59, No 658, 1951, pp 146-150.
ATS-JB-221

Sci-Chem
Mar 70

403,888

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9



Maruyama, Reizo and Kawakubo, Syoitiro.
STUDIES ON CHROMIUM CONTAINING GLASS.
[1962] [14]p. (foreign text included).
Order from SLA $1.60 62-14534

Trans. of Yogyo Kyokaishi (Japan) 1951, v. 59, no. 664, p. 482-485.

DESCRIPTORS: *Glass, *Chromium compounds, *Oxides, Density, Thermal expansion, Water, Resistance.

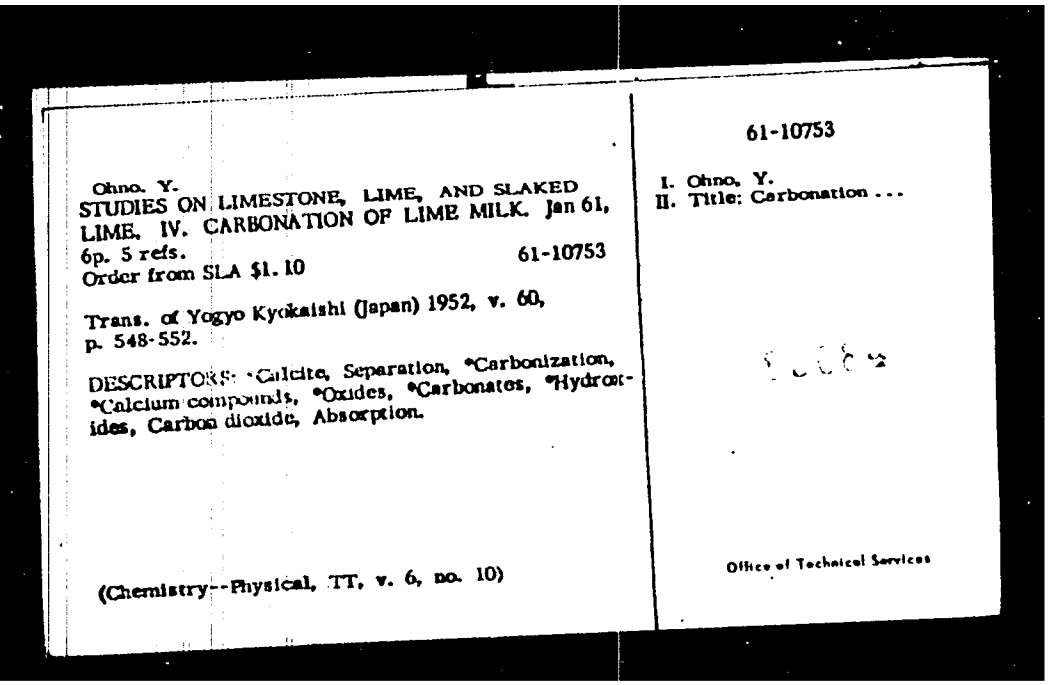
Effects of the addition of chromium oxide on the properties of glass were studied with three kinds of base glass, determining specific gravities, thermal expansions, and chemical durabilities. Maximum amounts of chromium oxide with which clear glass could be obtained were different by different kinds of base glass, being 8.5 weight percent of chromium oxide in a sodalime-silica glass and 5 percent in a soda-silica glass. (Author)
(Materials--Ceramics, TT, v. 8, no. 5)

62-14534

I. Maruyama, R.
II. Kawakubo, S.

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9



Ohno, Y.
STUDIES ON LIMESTONE, LIME, AND SLAKED LIME. IV. CARBONATION OF LIME MILK. Jan 61, 6p. 5 refs.
Order from SLA $1.10 61-10753

Trans. of Yogyo Kyokaishi (Japan) 1952, v. 60, p. 548-552.

DESCRIPTORS: *Calcite, Separation, *Carbonization, *Calcium compounds, *Oxides, *Carbonates, *Hydroxides, Carbon dioxide, Absorption.

(Chemistry--Physical, TT, v. 6, no. 10)

61-10753

I. Ohno, Y.
II. Title: Carbonation ...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

A Study of the Oxidation of Pure Silicon Carbide Powders, by H. Suzuki.
JAPANESE, per, Yogyo Kyokai Shi, Vol LXV, 1957, pp 88-93.
NASA TT F-10,211

U. S. GOVERNMENT USE ONLY
Sci-Chem
Aug 66 309,654

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Sakka, S.
EFFET DU RECHAUFFEMENT SUR LA RÉSISTANCE MÉCANIQUE DES FIBRES DE VERRE (Effects of Reheating on the Strength of Glass Fibers). 6p. 7 refs. FX-1101.
Order from OTS, ETC or CNRS $0.80 62-26465

Trans. in French of Yogyo Kyokaishi (Japan) 1957, v. 65, p. 190ff.

DESCRIPTORS: *Glass textiles, Mechanical properties, Heating, *Fluorides, Hydrogen compounds, Tensiometers.

(Materials--Textiles, TT, v. 10, no. 7)

62-26465

I. Sakka, S.
II. FX-1101
III. Centre National de la Recherche Scientifique (France)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Sakka, S.
EFFET DU RÉCHAUFFEMENT SUR LA RÉSISTANCE MÉCANIQUE DES FIBRES DE VERRE (Effect of Reheating on the Strength of Glass Fibers). 6p. 7refs. CNRS-VI-747.
Order from OTS, ETC or CNRS $0.80 TT-62-26465

Trans. in French of Yogyo Kyokaishi (Japan) 1957. v.65, p.190-192.
Trans. in English available from SLA mi$1.80, ph$1.80 as 61-10157.

DESCRIPTORS: *Glass textiles, Mechanical properties, Heating, Structures, *Fluorides, Hydrogen compounds, Surfaces, Tensiometers.

(Materials--Textiles, TT, v. 11, no. 7)

TT-62-26465 rev.

I. Sakka, S.
II. CNRS-VI-747
III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Thermal Diffusivity and the Coefficient of Convectional Heat Transfer in the ~~Lixext~~ Lower Temperature Range (smoking period) During the Burning of Fireclay Brick. Part i. Studies on the Firing Schedule for Burning Fireclay Bricks, K. Terada, H M. Takamatsu, et al.

JAPANESE, ~~Jr~~, Yogyo Kyokai Shi., Vol LXVI, 1958, p 110.

B ~~D~~ Ceram R.A. 471

Sci
Jan 63

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Hara, Masayoshi, Yamamoto, Tokuji, Konishi, Akio, and Arimori, Tuyoshi.
THE ELECTROCHEMICAL STUDY OF THE CORROSION OF THE REFRACTORY BY MOLTEN GLASS. 1. ON THE ELECTROMOTIVE FORCES GENERATED BETWEEN REFRACTORY OXIDES AND GLASSES.
[1963] [25p] (foreign text included) 22refs
Order from SLA $2.60 63-18618

Trans. of Yogyo Kyokaishi (Japan) 1959, v. 67, no. 1, p. 20-27.

DESCRIPTORS: *Glass, Melting, Oxides, Electrochemistry, Refractory materials, Corrosion, Electrodes, Clay minerals.

(Materials--Ceramics, TT, v. 10, no. 10)

63-18618

1. Title: Electromotive force
I. Hara, M.
II. Yamamoto, T.
III. Konishi, A.
IV. Arimori, T.
V. Title: On the ...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Naruse, Akira; Shimura, Fujio, and Watanabe, Akira. INVESTIGATIONS INTO THREE-DIMENSIONAL FLOW OF THE THROAT CURRENT IN A MODEL THROAT. Rept. 3 of Studies on the Throat of a Glass Melting Tank. [1963] [34]p. (foreign text included) 5 refs. Order from SLA $3.60 63-14071

Trans. of [Yogyo Kyokaishi] (Japan) 1959, v. 67, no. 3, p. 85-95.

DESCRIPTORS: *Glass, *Melting, *Fluid flow, Glycerols, Velocity, Models (Simulation), Heat transfer, Equations, Test equipment, Tests.

See also 60-18542

(Materials--Ceramics, TT, v. 10, no. 3)

63-14071

1. Title: Throat current theory
2. Title: Glass furnaces
I. Naruse, A.
II. Shimura, F.
III. Watanabe, A.
IV. Title: Studies . . .

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

63-14073

Sawai, Ikutaro; Kunugi, Masanaga, and others.
STUDIES ON THE CHARACTERISTICS OF CONVECTION CURRENT OF MOLTEN GLASS BY MEANS OF MODEL TECHNIQUES. [1962] [36]p. (foreign text included) 7 refs.
Order from SLA $3.60 63-14073

I. Sawai, I.
II. Kunugi, M.

Trans. of Yogyo Kyokaishi (Japan) 1959, v. 67, p. 301-311.

DESCRIPTORS: *Glass, *Furnaces, *Thermodynamics, Fluid flow, Heat transfer, Simulation, Model tests.

The authors carried out a series of model experiments using glycerin in place of the molten glass. From the results obtained they pointed out some important characteristics of the convection current. Some of them are: (1) The change of heat input causes the proportional change of temperature gradients both in vertical (Materials--Ceramics, TT, v. 10, no. 5) (over)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Studies on the Factors Affecting the Workability (Fluidity) of Resins Used for the Injection Molding of Ceramics. Studies on the Injection Molding of Ceramics. Part I, by Asao NOTEKI, 40 pp.
JAPANESE, per Yogyo Kyokai Shi, Vol 67, 1959, pp 387-399.
AEC SC-T-65-768

327,946

Sci - Materials
Jul 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

A Study on Various Factors in the Heating Treatment of the Injection Molded Ceramic Articles. Studies on the Injection Molding of Ceramics. Part II, by Asao MOTEKI, 31 pp. JAPANESE, per, Yogyo Kyokai Shi, Vol 68, 1960, pp 11-21.
AEC SC-T-65-0771

327,951

Sci - Materials
Jul 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Properties of High Alumina Porcelain Produced by Injection Molding Studies of the Injection Molding of Ceramics. Part III, by Asao MOTEKI, 28 pp.
JAPANESE, per, Yogyo Kyokai Shi, Vol 68, 1960, pp 29-32.
AEC SC-T-65-0770

327,945

Sci - Materials
Jul 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Studies on the Devitroceram of the System CaO. TiO_2. SiO_2-Li_2O. Al_2O_3. $4SiO_2$-li_2O. $2SO_2$., by T. Moriya, T. Sakaino, H. Saino, K. Takizuwa. JAPANESE, per, Yogyo Kyokai Shi, Vol 68, No 4, 1960, pp. 103-9.
NTC 69-10546-11B

Sci-Mat
July 69

386,749

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Tashiro, Megumi; Soga, Naohiro; and Sakka, Sumio.
A STUDY OF THE ABSORPTION SPECTRA OF CERIUM IN GLASSES. [1962] 16p. 14 refs.
Order from SLA $1.60 62-20171

Trans. of [Yogyo Kyokaishi] (Japan) 1960, v. 68, no no. 773, p. 132-137.

DESCRIPTORS: *Glass, Silicates, Phosphates, *Cerium, *Absorption spectrum, Spectra (Visible and ultra-violet).

By preparing glasses containing cerium under various conditions, their light absorptions were investigated. As a result, the following points were established: (1) In the silicate glass, the trivalent cerium ions have an absorption band which is sharp but not very large, with a maximum at 320 mμ, and the tetravalent cerium ions have a wide and large absorption band covering the
(Materials--Ceramics, TT, v. 9, no. 10) (over)

62-20171

I. Tashiro, M.
II. Soga, N.
III. Sakka, S.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Behavior of Certain Ions in Glasses Exposed to X-rays, by M. Tashiro, N. Soga, S. Sakka.
JAPANESE, per, Yogyo Kyokai shi, Vol 68, 1960, 169-73.
NTC 69-10734-11B

Sci-Mat
July 69

386,766

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Moriya, Taro, Akao, Yoji, and Hatano, Naobumi. PROCESS OF DEVITRIFICATION OF Al_2O_3-P_2O_5 GLASSES Pt. 1 of Studies on Devitrification of Phosphate Glasses. [1964] [29p] (foreign text included) 10refs
Order from SLA $2.60 TT-64-14068

Trans. of Yogyo Kyokaishi (Japan) 1960, v. 68, no. 6, p. 145-153.

(Materials--Ceramics, TT, v. 12, no. 2)

TT-64-14068

I. Moriya, T.
II. Akao, Y.
III. Hatano, N.
IV. Title: Studies...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Mechanical Strength of Polycrystalline Materials Produced from Platinum-Containing Glasses, by M. Tashiro, S. Sakka. 63 p.
JAPANESE, per, Yogyo Kyokai shi, Vol 68, No 10, 1960, pp 223-231.
SIA TT-66-10672

Sci-M&M
Jul 66

305,600

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

The Effects of Heat Treatment on the Strength of Polycrystalline Material Produced from the Glass of the System of Li2O-Mgo-Al2Oe-SiO2,
by S. Sakka, M. Wada. 27 p.
JAPANESE, per, Yogkyo Kyokai Shi, Vol 69, No 2, 1961, pp 35-43.
SIA TT-66-10673

Sci-M&M
Jul 66

306,002

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Suzuki, H., Kimura, S. and others.
STUDIES OF THE SYSTEMS Al_2O_3-ZrO-ZrO_2 and Na_2O-ZrO_2 BASIC STUDIES OF Na_2O-Al_2O_3-ZrO_2 TYPE REFRACTORIES, PT. 1. [1963] 12p.
Order from ATS $15.65 ATS-93Q70J

Trans. of Yogyo Kyokaishi (Japan) 1961, v. 69, no. 2, p. 52(72)-59(79).

DESCRIPTORS: *Refractory materials, *Aluminum compounds, *Zirconium compounds, *Sodium compounds, Oxides, Phase studies.

(Materials--Refractories, TT, v. 10, no. 8)

63-22145

I. Suzuki, H.
II. Kimura, S.
III. ATS-93Q70J
IV. Associated Technical Service, Inc., East Orange, N. J.
V. Title: Basic Studies ...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Sintering of Urania-Thoria Bodies, by Toshiyuki SATA, Kiyoura BAISAKU.
JAPANESE, per, Yogo Kyokai Shi, Vol 69, 1961, pp 118-124.
*AEC

Sci - Nuclear Science
Jun 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Fujii, K.
REACTIONS BETWEEN SODIUM SILICATE SOLUTION AND SODIUM FLUOSILICATE. [1963] 12p.
Order from ATS $16.95 ATS-77Q67J

Trans. of Yogyo Kyokaishi (Japan) 1961, v. 69, no. 5, p. 137-144.

DESCRIPTORS: *Sodium compounds, *Silicates, Solutions, *Fluorides chemical reactions.

(Chemistry--Inorganic, TT, v. 10, no. 1)

63-17126

I. Fujii, K.
II. ATS-77Q67J
III. Associated Technical Services, Inc., East Orange, N. J.

ATS [illegible] 3908

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Studies on the Glass Formation Range of Borate Systems, by M. Imaoka.
JAPANESE, per, Yogyo Kyokai Shi, Vol 69, No 9, 1961, pp 282-306.
NTC 69-11442-11B

Sci-Mat
July 69

387,112

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Effect of the Minor Ingredients of Glass Batch on the Melting Process Observed Under High Temperature Microscope,
by M. Ihara, T. Arimori. 18 p.
JAPANESE, per, Yogyo Kyokaishi, Vol 71, No 1, 1963, pp 109-116.
SLA TT-66-10694

Sci-M&M
Jul 66

306,014

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Role of Cerum Ions in Preventing the
Y-Ray Induced Coloration of Glass, by
N. Soga, M. Tashiro.
JAPANESE, per, Yogyo Kyokai Shi, Vol 70,
No 5, 1962, pp. 143-7.
NTC 69-10547-11B

Sci-Mat
July 69

386,750

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Crystal Habit of Hydrothermal Corundum. 1. Effects of Impurity Ions on Hydrothermal Synthesis of Corundum, by G. Yamaguchi. JAPANESE, per Yogyo Kyokai shi. Vol. 71, No. 9, 1963, pp 182
GB 8/726 - 40/-

Sci -
Aug 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Ihara, M. and Arimori, T.
EFFECT OF MINOR INGREDIENTS OF GLASS BATCH ON MELTING PROCESS OBSERVED UNDER HIGH TEMPERATURE MICROSCOPE. [1963] 15p
14refs
Order from SLA $1.60 63-18933

Trans. from [Yogyo Kyokaishi] (Japan) 1963, v. 71, no. 13.

DESCRIPTORS: *Glass, *Melting, *High-temperature research, *Microscopes, Electric furnaces, Materials, *Phase studies, Microscopy.

A simple high temperature microscope was constructed, which, although of low magnification, was used to observe the melting process of about one gram samples up to 1450°C. It was found that addition of selected minor ingredients was effective for enhanced bubble formation, the fluidity of the melt, and the rate of
(Materials--Ceramics, TT, v. 10, no. 10) (over)

63-18933

I. Ihara, M.
II. Arimori, T.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

TT-65-13751 Field 11B

Sugiura, T.; Murakami, K.; Tanaka, H.; Akimoto, H.
RESEARCH ON RADIATION SHIELDING MATERIALS.
PAPER 2. RADIATION SHIELDING PROPERTIES OF
GLASSES OF THE Li2O-PbO-B2O3 SYSTEM. 8p, 8refs.
Order from SLA: $1.10 as TT-65-13751

Trans. of Yogyo Kyokaishi (Japan) v72 n5 p71-5 1964.

I. Title: Radiation. . .

MR 664

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

A Study of Cartilage Changes and Aging, by
M. Koizumi,
JAPANESE, per, Yokohama Igaku, Vol XV, 1964,
pp 184-201.
BEM-NIH-1-19-67

Sci-BGN
Feb 67

518,999

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

The Interrelation of Retina Blood Vessel, Retinal Blood Pressure, Systemic Blood Preasurb and Renal Changes in the Aged of Japan, by Saito, Kimiko JAPANESE, per, Yokufuen Chose Kenkyu Kiko, Vol. 35, pp. 35-50, 1962.
HEW 2-24-65

FE-Japan
Sci-M/B
Mar 65

275,786

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200980028-9

Clinical Prognosis and Pathological Studies of Mild Diabetes Mellitus in the Older Age Group, by Teiji Murachi, et al, JAPANESE, per, Yokufuen Chosa Kenkyu Kiyo , No 40, 161-170, 1964.
Dept HEW, HIH, 8-49-65.

Sci-Biol & Med
Oct 65 290,329

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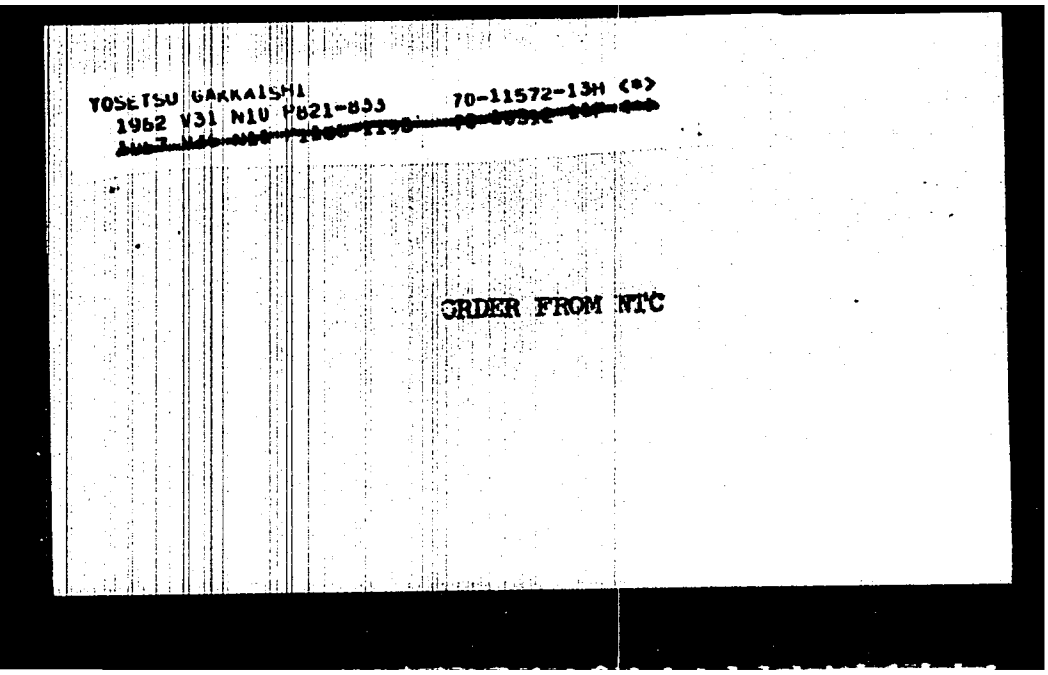

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